

FIG. 1

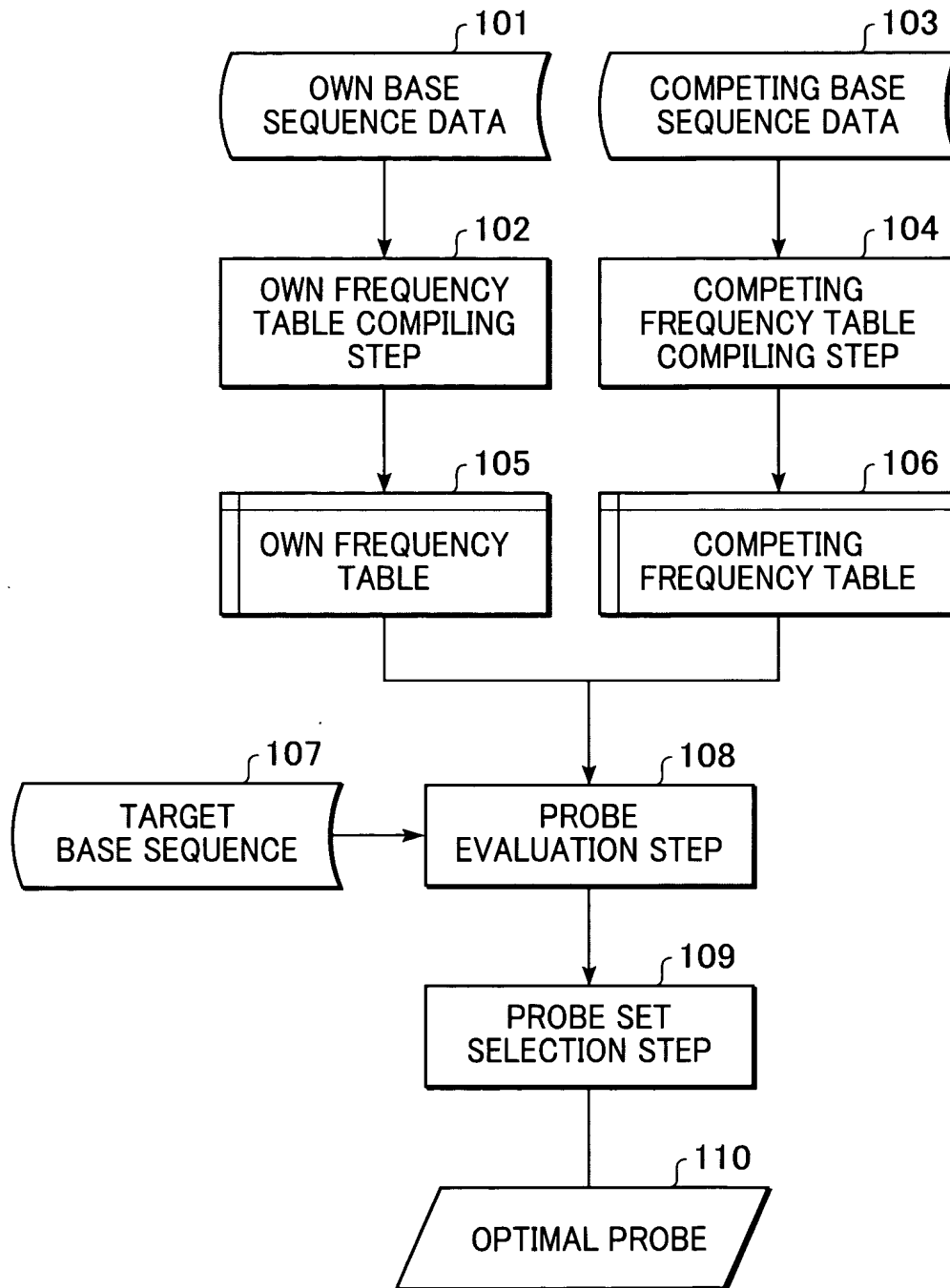


FIG. 2

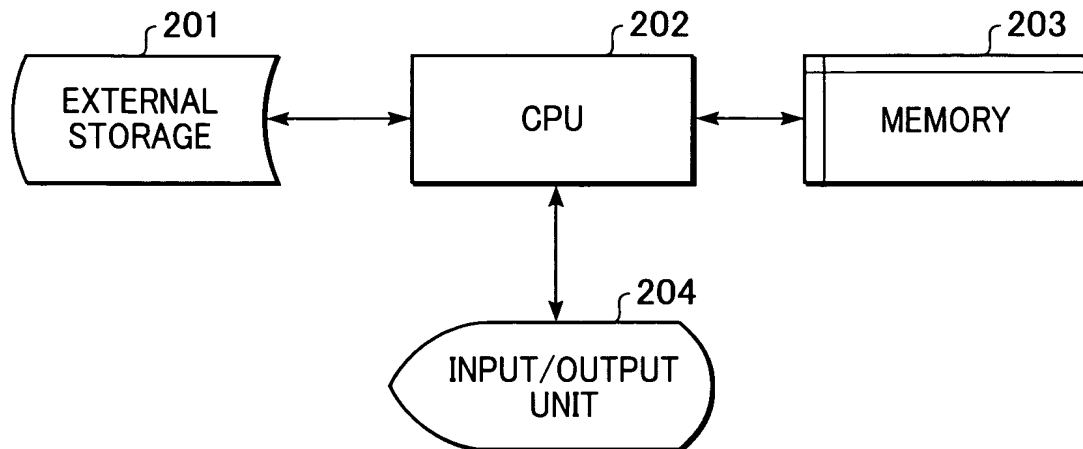


FIG. 3

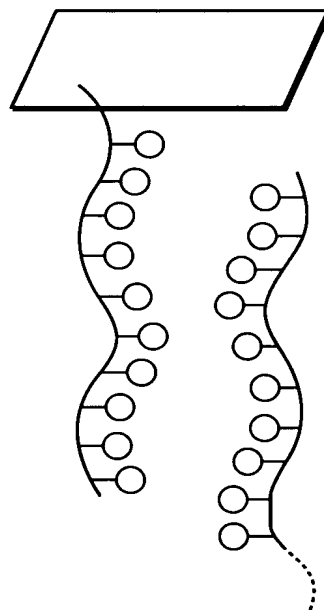


FIG. 4

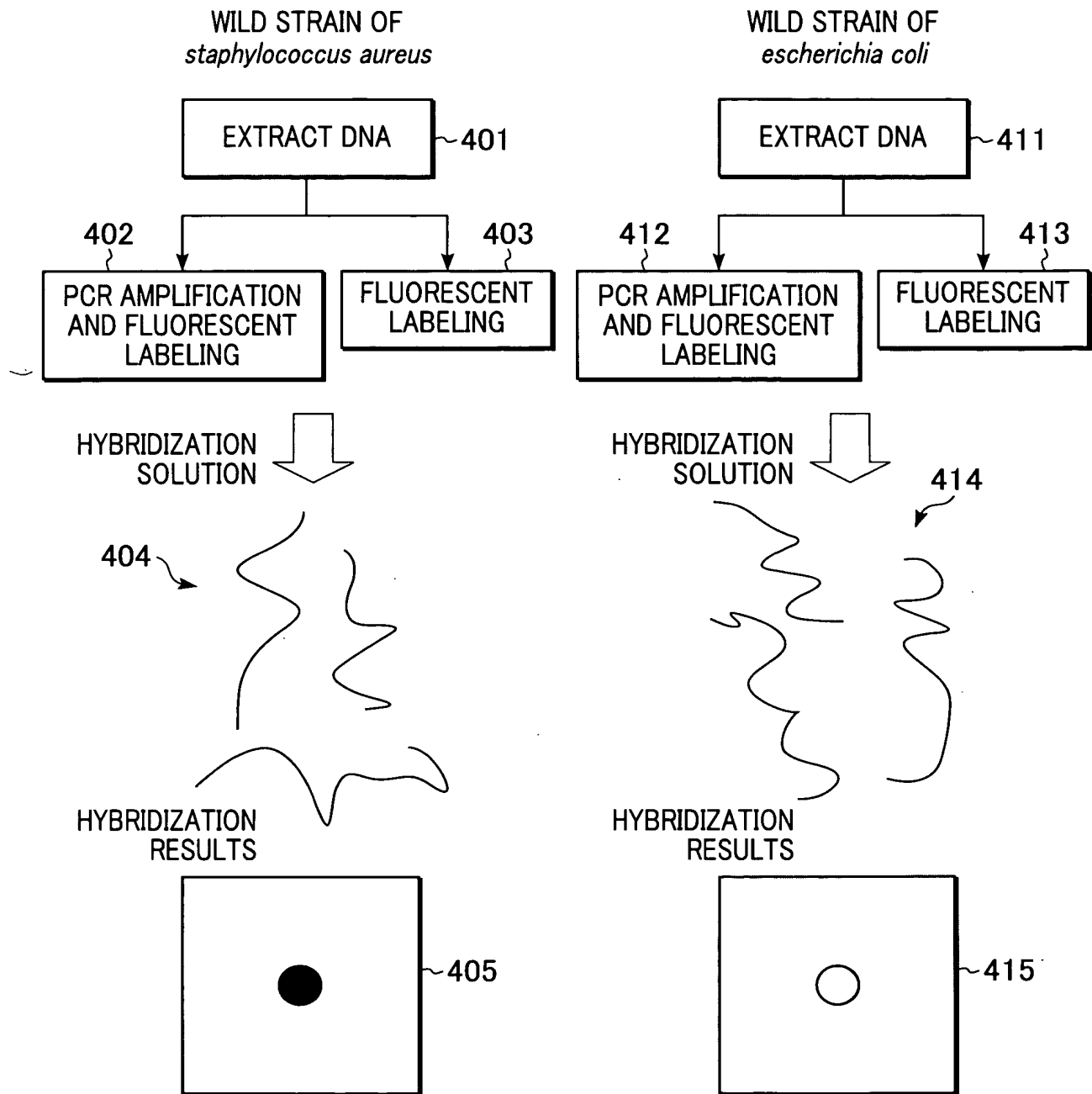


FIG. 5

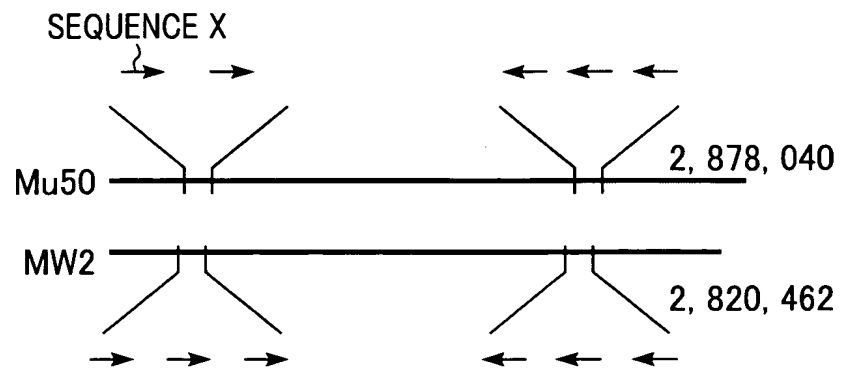


FIG. 6

BASE SEQUENCE	FREQUENCY (UNIQUENESS)
AAAAAAAAAA	1000
AAAAAAAAAT	10
...	...
...	...
GTAGATCCA	3
GTAGATCCT	5
...	...
...	...
CCCCCCCCC	0

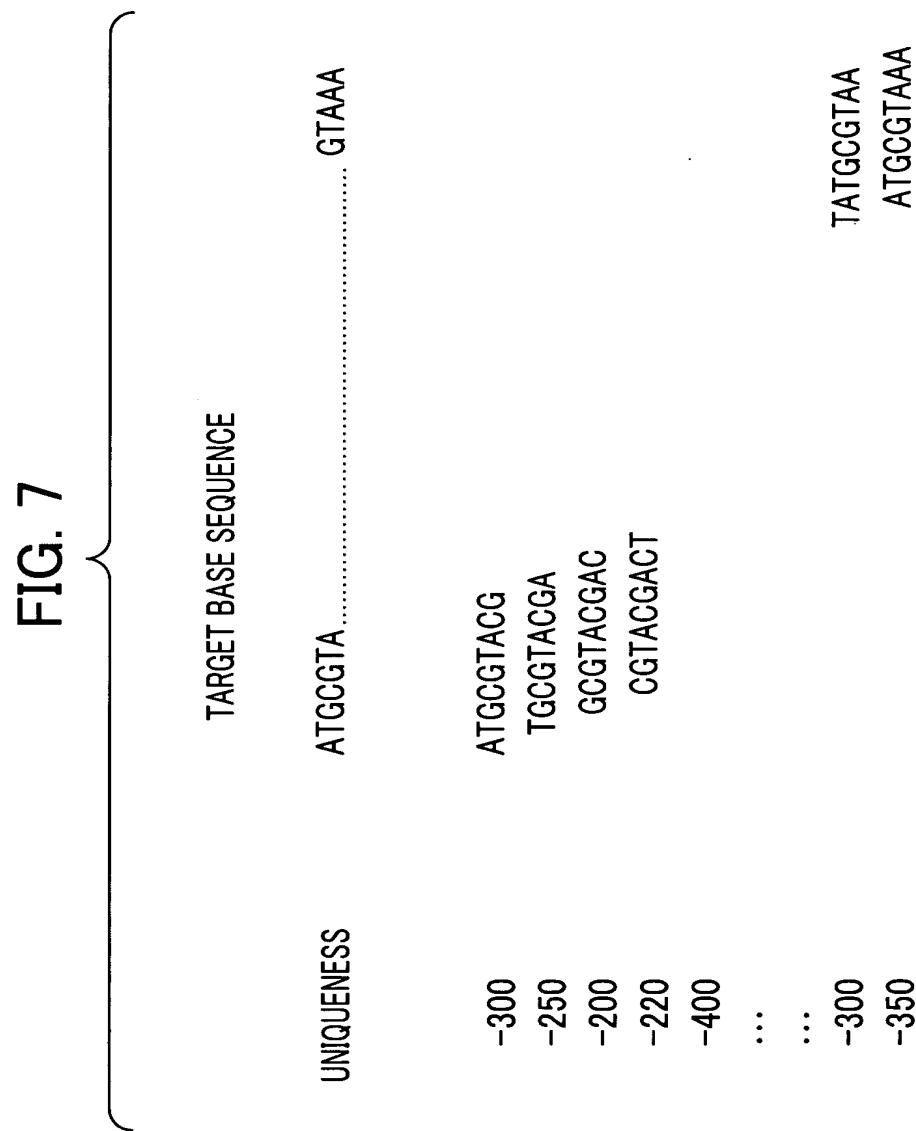
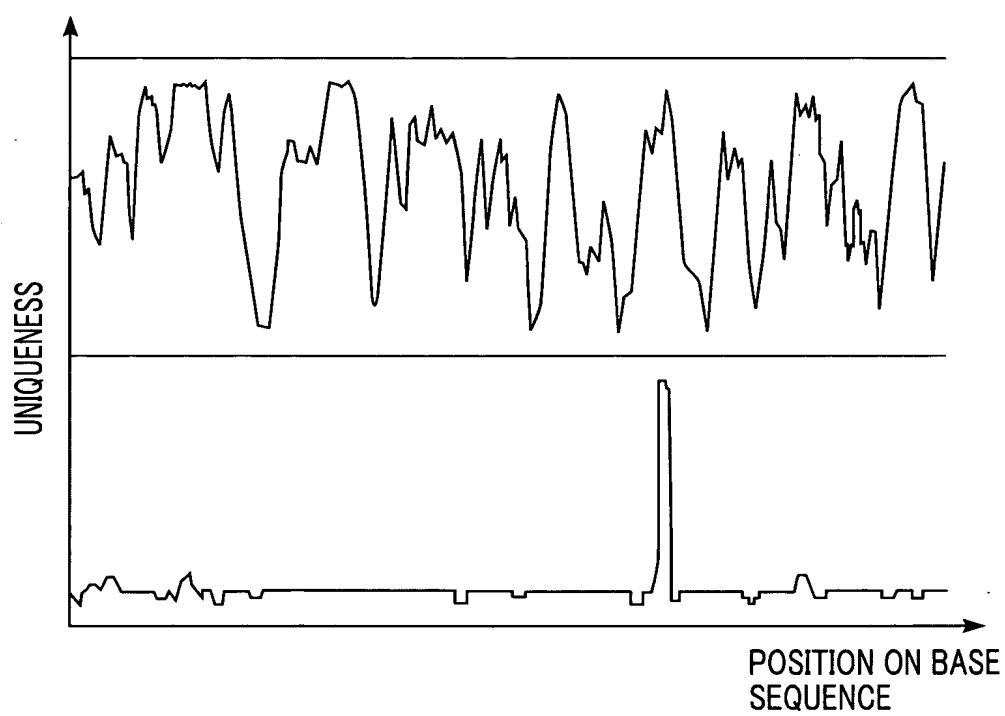


FIG. 8



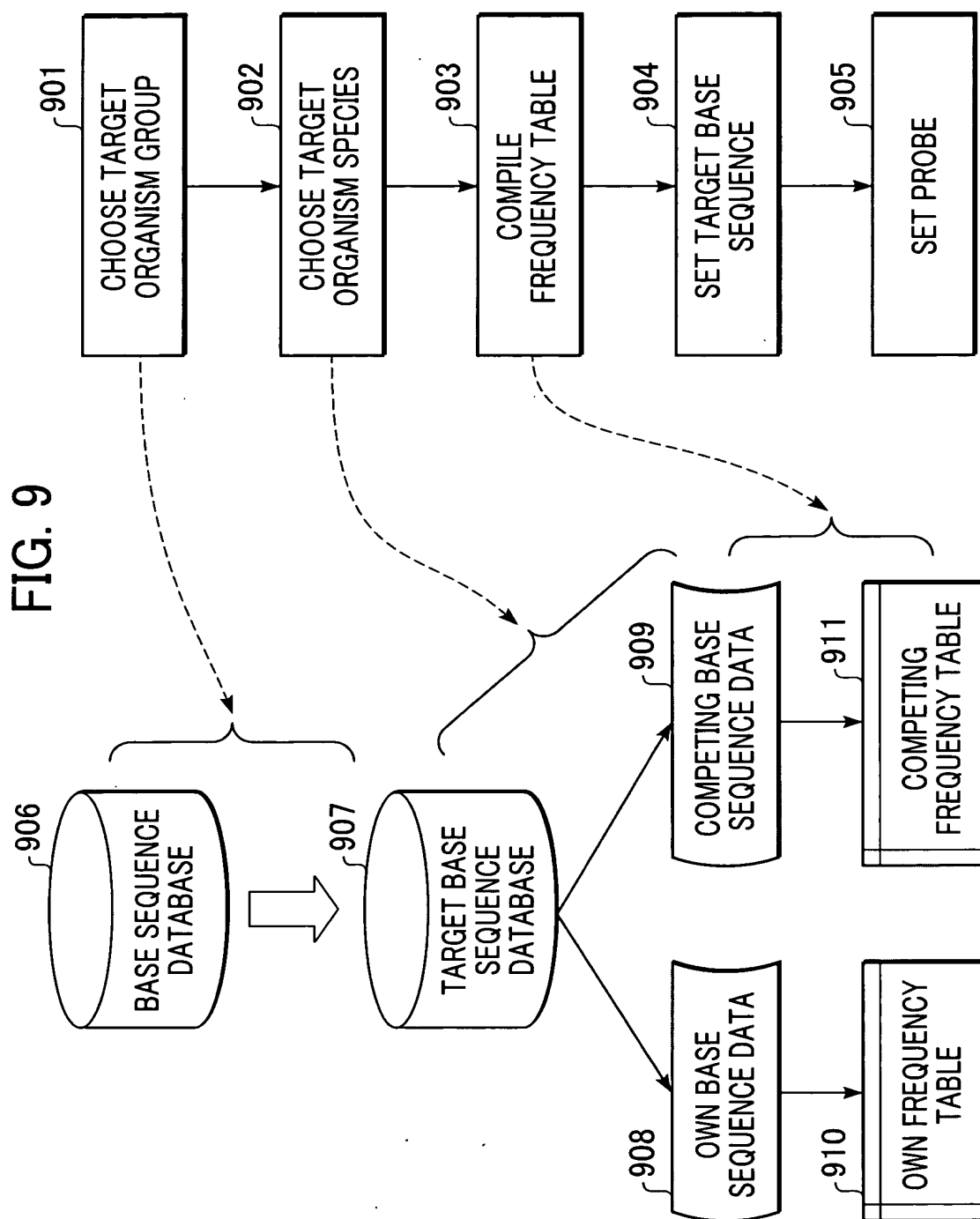


FIG. 10

TARGET SPECIES

1001

Staphylococcus aureus	▲
Staphylococcus epidermidis	
Escherichia coli	
Klebsiella pneumoniae	
Pseudomonas aeruginosa	
Serratia marcescens	
Streptococcus pneumoniae	
Haemophilus influenzae	▼

1003

Design

STRAIN POSITION DIRECTION

1002

Mu50 1 (+)	▲
Mu50 2 (+)	
Mu50 3 (-)	
Mu50 4 (-)	
Mu50 5 (-)	
MW2 1 (+)	
MW2 2 (+)	▼

FIG. 11

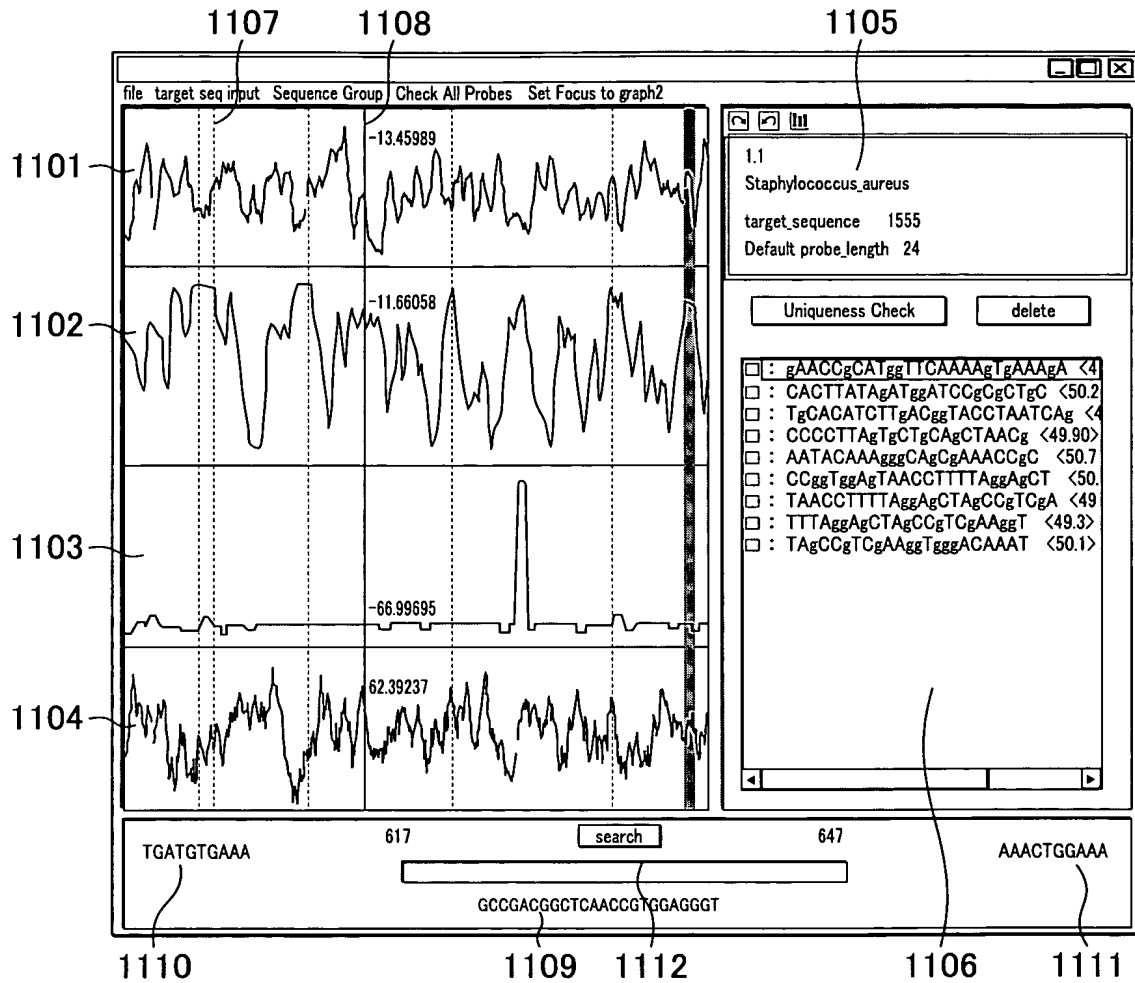


FIG. 12

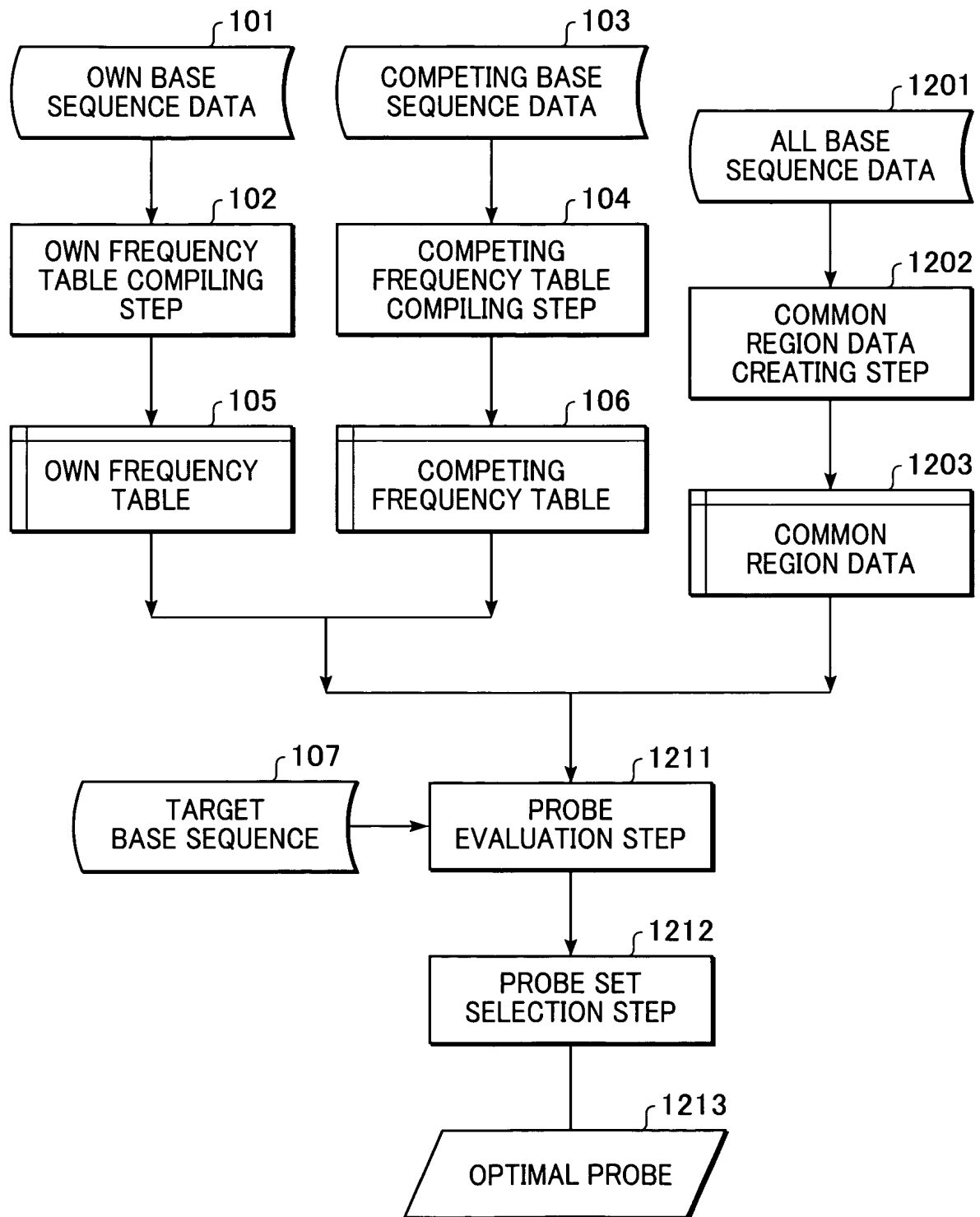


FIG. 13

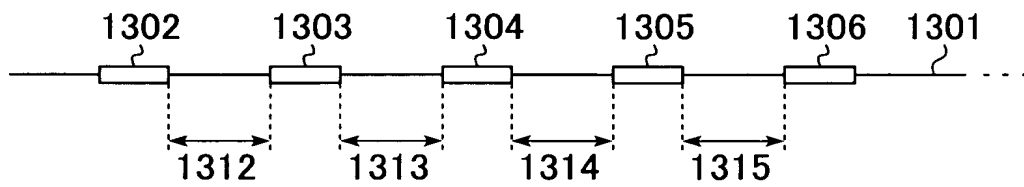


FIG. 14

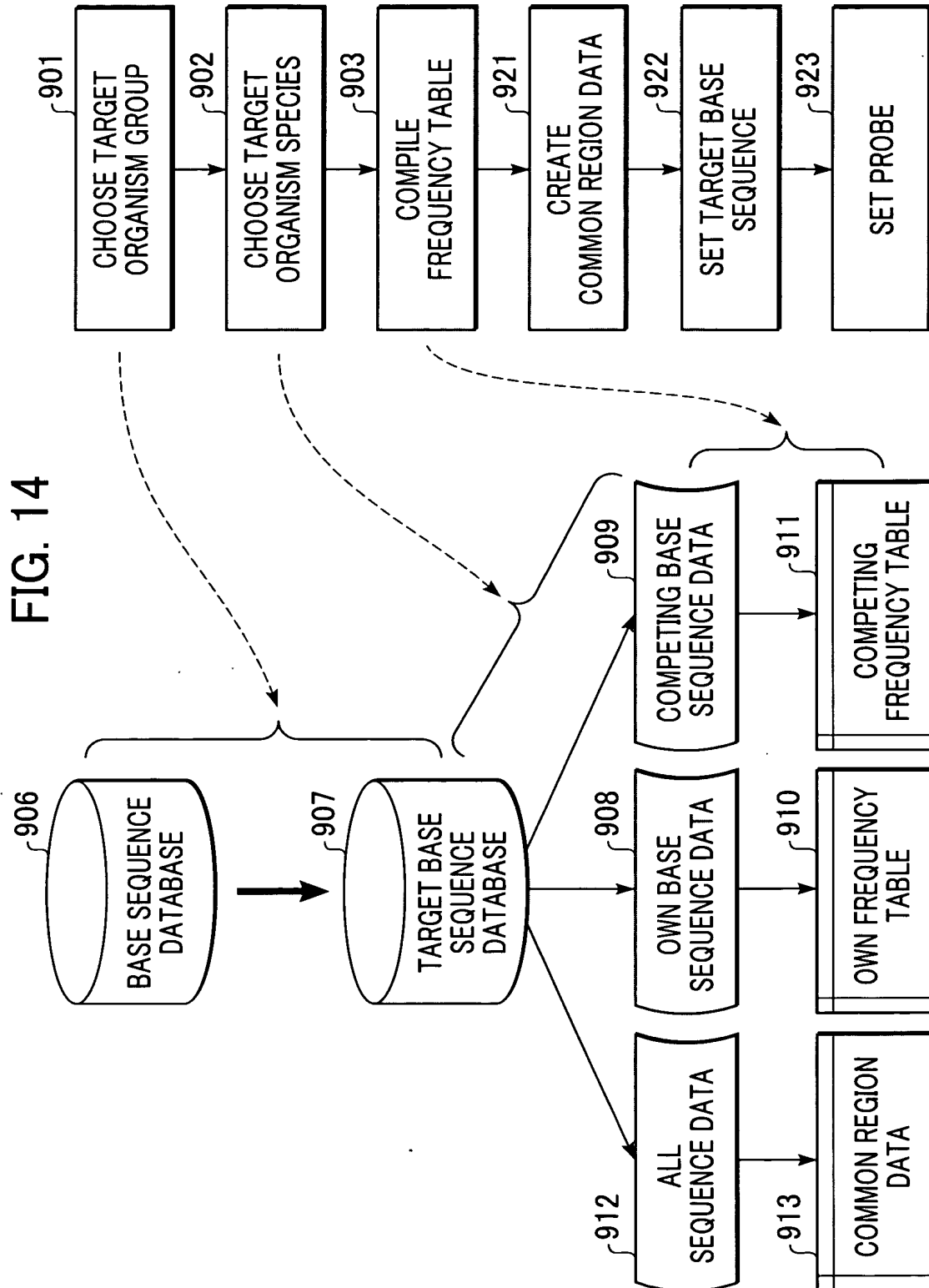




FIG. 16

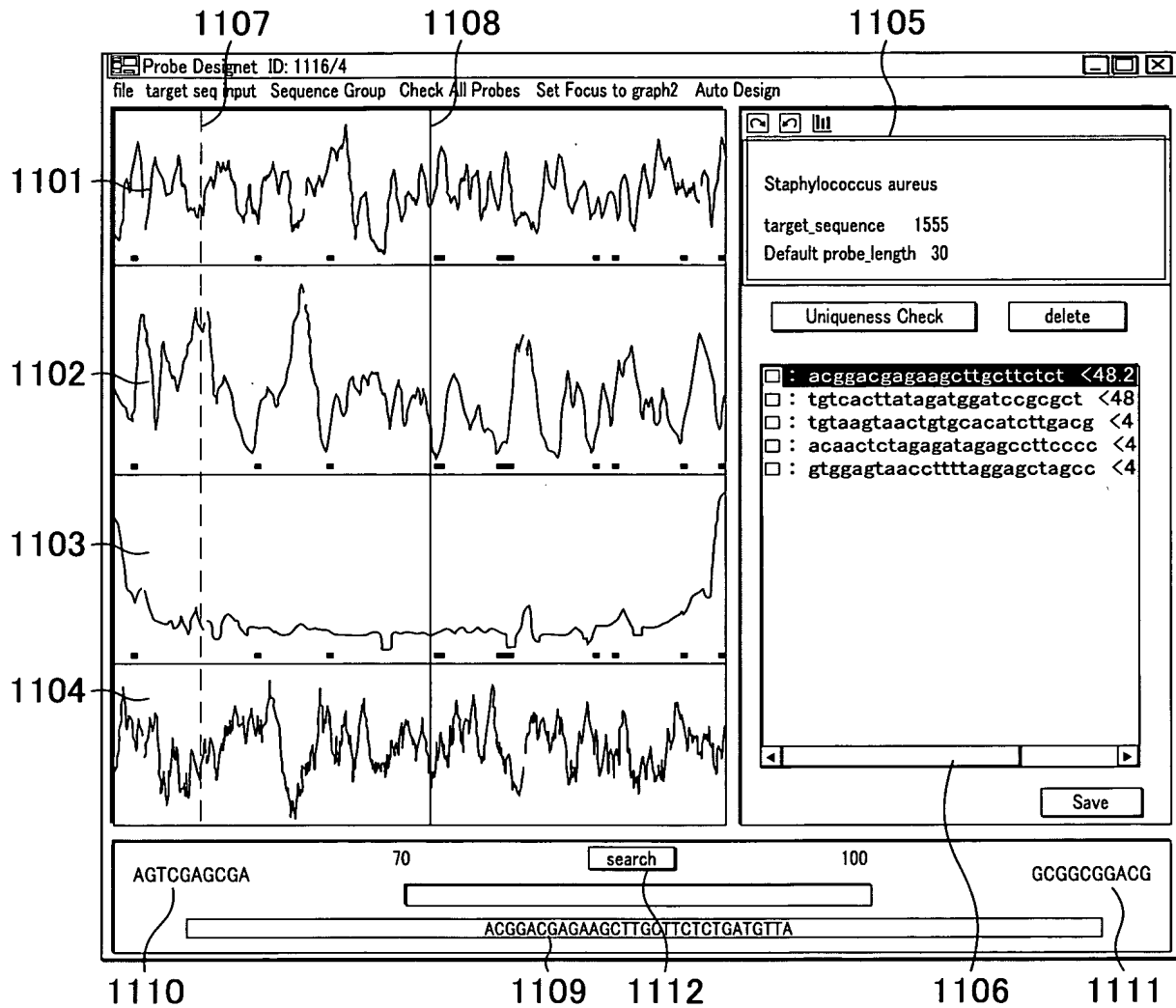


FIG. 17

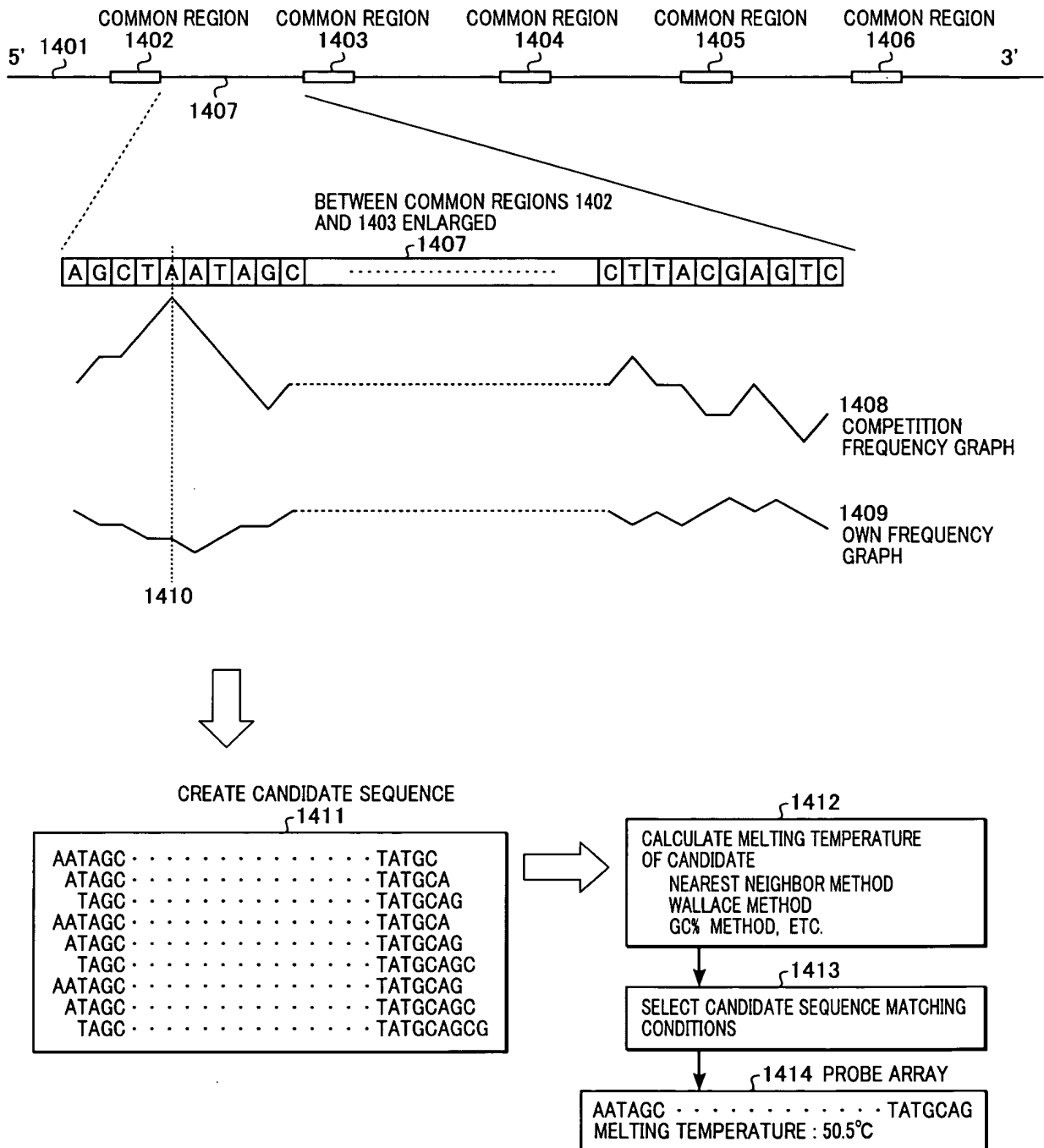


FIG. 18

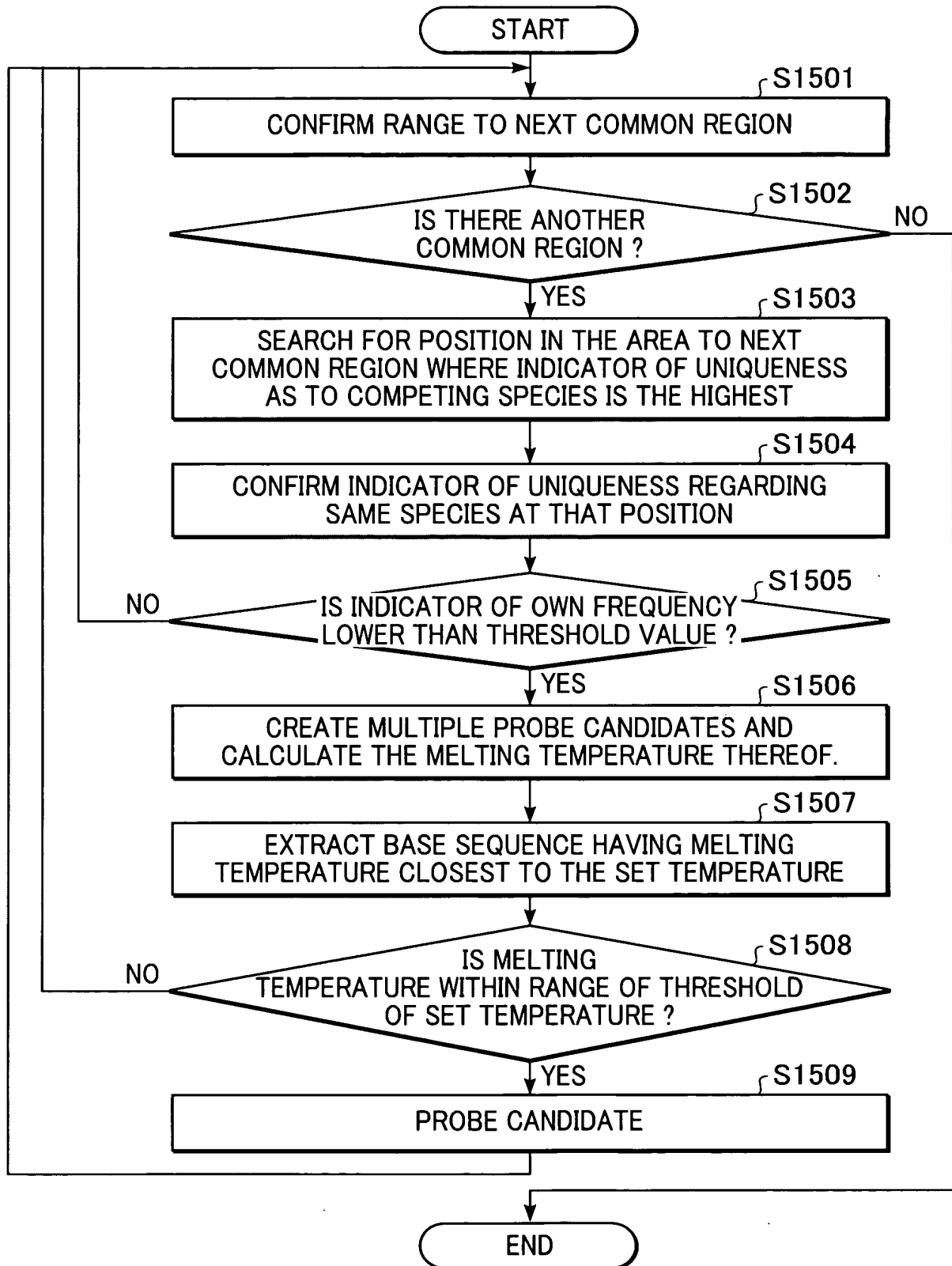


FIG. 19

